

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts

Pending

Active

Failed

L1: (8704) recording near5 perpendicular

L2: (3868) 1 with magnetic

L3: (57022) equalizer or equalization

L4: (588290) dc or (direct adjl current) or (low adjl frequency)

L7: (4) 4 same 5

L5: (19) 2 same 3

L6: (53) 2 and 3 and 4

DB: USPAT US FORB EPO JPO JBM JTG

Search scope: OR

2 and 3 and 4

# Doc No

Author

Group

Text

Time

#	U	Document ID	Issue Dat	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3
1	<input checked="" type="checkbox"/>	US 20040043258	20040304	19	Perpendicular magnetic recording medium and ma	428/694TM	428/611		Yamamoto, Tomoo et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	US 20030223316	20031204		Information recording and reproducing head. i	369/13.33			Saga, Hideki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	US 20030223147	20031204		Magnetic recording apparatus	360/78.04	360/48; 360/77.02		Nishida, Yasutaka et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	US 20030217326	20031120		Shaped spectral coding and recording systems t	714/792			Dati, Angelo et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input checked="" type="checkbox"/>	US 20030123333	20030703		Method for reproducing information on a record	369/13.05			Saga, Hideki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input checked="" type="checkbox"/>	US 20030107831	20030612		Method and apparatus for pre-processing low f	360/31			Erden, Mehmet Fatih et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input checked="" type="checkbox"/>	US 20030063406	20030403	11	Data channel for processing user data an	360/39			Takeo, Akihiko	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input checked="" type="checkbox"/>	US 20030059561	20030327		Magnetic disk drive including read channel	360/46	360/66		Aoyagi, Yuka et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 20030035235	20030220		Method for forming a magnetic pattern in a m	360/59			Ikeda, Hiroyuki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	US 20030011920	20030116	23	Preamble pattern and magnetic recording svst	360/46			Tsuchinaga, Hirovuki	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input checked="" type="checkbox"/>	US 20030011919	20030116		Method and apparatus for suppressing low fre	360/39			Vasic, Bane et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	<input checked="" type="checkbox"/>	US 20030002418	20030102		Signal processor	369/59.22			Mouri, Hiroki et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<input checked="" type="checkbox"/>	US 20020164501	20021107		Perpendicular magnetic recording medium and ma	428/694T			Hikosaka, Takashi	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<input checked="" type="checkbox"/>	US 20020135920	20020926		Method and apparatus for write compensation	360/68			Aoyagi, Yuka et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<input checked="" type="checkbox"/>	US 20020089773	20020711	18	Disk drive including preamplifier for perpen	360/67			Shimomura, Kazuhito et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<input checked="" type="checkbox"/>	US 20020081461	20020627		Information recording medium information rec	428/694TR			Nishikawa, Masakazu et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	<input checked="" type="checkbox"/>	US 20020060869	20020523	26	Apparatus, signal processing circu	360/46			Sawaguchi, Hideki et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	<input checked="" type="checkbox"/>	US 20020050161	20020516		Perpendicular magnetic recording medium and ma	428/694TS			Yamamoto, Tomoo et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Details

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1984年 第1期 第14页

#	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XP	Retrieval	Inventor	S	C	P	3	3
30	F	F	US 6198711	20010306		Equalizer for optical reproducing apparatus.	369/59.16	369/59.23		Fujita, Goro et al.					
31	F	C	US 6169714	20010102		Apparatus and method for recording/reproducing	369/44.28	369/44.29; 369/44.35		Tanaka, Yasuhito et al.					
32	F	F	US 6038093	20000314		Magnetic recording/reproducing	360/66	361/149; 361/267		Takada, Noboru et al.					
33	F	C	US 6025971	20000215		Magnetic disk drive using a nonvolatile sol	360/77.08	360/48; 360/53		Inoue, Tetsuo et al.					
34	F	F	US 5978186	19991102		Magnetic head and reproducing apparatus w	360/123	360/126		Murata, Akio et al.					
35	F	F	US 5963385	19991005		Magnetic recording/reproducing a	360/31	360/125; 360/66		Takada, Noboru et al.					
36	F	F	US 5933299	19990803	31	Magnetic recording system providing a magn	360/125	360/110; 360/57		Tanaka, Tsutomu et al.					
37	F	F	US 5808988	19980915		Reproduction of optical information by one-beam	369/47.17	369/275.3; 369/275.4		Maeda, Takeshi et al.					
38	F	C	US 5786957	19980728		Magnetic disk device using non-aligned read	360/77.08			Inoue, Tetsuo et al.					
39	F	F	US 5754764	19980519		Combination of input/output circuitry and lo	709/200	710/5; 710/56;		Davis, Timothy D. et al.					
40	F	C	US 5668787	19970916		Mark length recording system with trial writi	369/13.02	360/59; 369/77.2		Shigematsu, Kazuo et al.					
41	F	F	US 5659446	19970819	33	Magnetic recording system providing a magn	360/125	360/126		Tanaka, Tsutomu et al.					
42	F	C	US 5650889	19970722		Magnetic recording medium containing heavy	360/97.01	360/135		Yamamoto, Tomoo et al.					
43	F	F	US 5539588	19960723		Magnetic recording/reproducing w	360/46	360/45; 360/65		Sawaguchi, Hideki et al.					
44	F	F	US 5537370	19960716		Magneto-optical-disk recording and/or reprod	369/13.02	360/59; 369/44.14;		Shigematsu, Kazuo et al.					
45	F	F	US 5492774	19960220	24	Perpendicular magnetic recording medium and or	428/694R	360/119; 427/128;		Tateno, Yasuo et al.					
46	F	F	US 5482610	19960109		Cathode for coating a substrate	204/298.19	204/298.09		Wolf, Bernd et al.					
47	F	C	US 5420832	19950530		Half height magneto-optical-disk rec	369/13.34	360/59; 369/13.55;		Shigematsu, Kazuo et al.					
48	F	F	US 5396391	19950307	30	Magnetic recording system providing a magn	360/125	360/110; 360/57		Tanaka, Tsutomu et al.					
49	F	C	US 4896235	19900123		Magnetic transducer head utilizing magnetor	360/327.3	324/252; 338/32R		Takino, Hiroshi et al.					
50	F	F	US 4896220	19900123		Magnetic recording method and magnetic rec	386/23	360/21		Sato, Masamichi et al.					
51	F	C	US 4492990	19850108		Noise reduction system	360/32	360/51		Johnson, Jr., Clark E.					
52	F	F	US 4482928	19841113		Tracking control system for magnetic recording	360/77.13	360/21; 360/77.16;		Moriya, Ryusuke et al.					
53	F	F	JP 2001101798	20010413		REPRODUCTION SIGNAL PROCESSING CIRCUIT AND				UMEMOTO, MASUO					

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DB: USPAT US POPUB EPO PO IN JTB  
Default patent: CR  
Highlighted references

2 same 3

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1	F	C	US 20030063406	20030403	11	Data channel for processing user data an	360/39			Takeo, Akihiko				
2	F	C	US 20030011920	20030116	23	Preamble pattern and magnetic recording svst	360/46			Tsuchinaga, Hirovuki				
3	F	C	US 20020126406	20020912		Perpendicular signal equalization and timing	360/46			Brianti, Francesco et al.				
4	F	C	US 20020089773	20020711		Disk drive including preamplifier for perpen	360/67			Shimomura, Kazuhito et al.				
5	F	C	US 20020060869	20020523	26	Apparatus, signal-processing circu	360/46			Sawaguchi, Hideki et al.				
6	F	C	US 20020012185	20020131	13	Device and signal processing circuit for	360/46	360/53		Sawaguchi, Hideki et al.				
7	F	C	US 6687067 B2	20040203		Perpendicular signal equalization and timing	360/46	360/65; 360/67;		Brianti, Francesco et al.				
8	F	C	US 5933299 A	19990803		Magnetic recording system providing a magn	360/125	360/110; 360/57		Tanaka, Tsutomu et al.				
9	F	C	US 5659446 A	19970819		Magnetic recording system providing a magn	360/125	360/126		Tanaka, Tsutomu et al.				
10	F	C	US 5492774 A	19960220		Perpendicular magnetic recording medium and or	428/694R	360/119; 427/128;		Tateno, Yasuo et al.				
11	F	C	US 5444578 A	19950822		Magnetic reproduction circuit having variable	360/65			Terazawa, Takeshi				
12	F	C	US 5396391 A	19950307		Magnetic recording system providing a magn	360/125	360/110; 360/57		Tanaka, Tsutomu et al.				
13	F	C	US 4845576 A	19890704		Magnetic recording/reproduction	360/67	360/46		Kusunoki, Masahiro et al.				
14	F	C	US 4786989 A	19881122		Waveform equalizer for signal reproduced from	360/65	333/138; 333/28R		Okamura, Hiroshi et al.				
15	F	C	US 4635143 A	19870106		Waveform equalizer for signal reproduced from	360/65	360/46		Suzuki, Hiroshi et al.				
16	F	C	JP 2003109317	20030411		PERPENDICULAR MAGNETIC RECORDING TYPE MAGNETIC				TAKEO, AKIHIKO				
17	F	C	JP 04153901 A	19920527		WAVEFORM EQUALIZING CIRCUIT FOR PERPENDICUL				NAITO, TATSUYA				

Ready

- Ⓜ Drafts
- Ⓜ Pending
- Ⓜ Active
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DB: URPAT-US POPUS EPO: EPO, ERM, TDS
 ☐ Plots

Default operator: CR
 ☐ Highlight all hit terms only

2 same 3

[illegible]

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  - 📄 L6: (53) 2 and 3 and 4
  - 📄 L7: (4) 4 same 5
- 📁 Failed
- 📁 Saved
- 📁 Favorites
- 📁 Tagged (0)
- 📁 UDC
- 📁 Queue
- 📁 Trash

The screenshot shows the USPTO website interface. At the top, there are navigation tabs: "Home", "Search", "Cases", and "Data". Below these, there are links for "DBs" and "P Ringle". The "DBs" link is highlighted, and a dropdown menu shows "USPAT US POPUL EPO EPL TDB". To the right, there is a checkbox labeled "highlight all hit items only". Below the navigation, there is a search bar with the text "name" entered. Below the search bar, there is a table with the following columns: "name", "date", "type", and "url". The table is currently empty.

name	date	type	url
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	N	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	E	A	B	D	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	V	X	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZV	ZW	ZX	ZY	ZZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	
1	F	F	US 20030063406	20030403	11	Data channel for processing user data and	360/39			Takeo, Akihiko	F	F	F	F	F	F	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					